

**PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN THE APPLICATION OF:  
DONALD W. TAYLOR et al.

ATTORNEY DOCKET:  
OB001JP-4

SERIAL NO: Continuation of  
Serial No. 09/448,810

EXAMINER: UNKNOWN

FILED: March 06, 2002

ART UNIT: UNKNOWN

TITLE: " CURABLE SEALANT  
COMPOSITION "

MOBERLY, MISSOURI  
Date: March 06, 2002

**PRELIMINARY AMENDMENT**

Assist. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Before calculating any fees due or examining the above identified patent application, please enter the following Amendment. Claims 1-4, 8-10, 16-19 and 22-24 have been amended, Claims 30-32 have been submitted for consideration by the Examiner and Claims 1-4, 8-10, 16-19 and 22-24 have been cancelled. Please also find transmitted herewith a Version With Markings To Show Changes Made.

Paragraph on Page 1, Lines 5-8 of the specification:

This is a continuation of U.S. Patent Application Serial No. 09/448,810, filed on November 24, 1999, now allowed, that is a continuation in part of U.S. Patent Application Serial No. 09/197,107, filed on November 20, 1998, now U.S. Patent No. 6,277,898 B1, that is in turn a continuation in part of Serial No. 09/081,966, filed May 20, 1998, now allowed, and entitled "Curable Sealant Composition". The disclosure of these prior filed patent application is hereby incorporated by reference.

1(Amended). A method for providing a coating on an automotive body component from a composition comprising a combination comprising at least one epoxy compound, at least one polyol and at least one ultra-violet photoinitiator wherein said method comprises:

- (a) applying the exposed composition onto the automotive body component wherein at least a portion of the automotive body component has a vertical surface, and,
- (b) exposing the automotive body component to a source comprising ultra-violet radiation thereby forming a coating upon the automotive body component.

2(Amended). The method according to Claim 1 wherein the automotive body component comprises at least one member selected from the group of floor pan, roof and lower body panel.

3(Amended). The method according to Claim 1 wherein the automotive body component comprises a lower body panel wherein the coating forms an anti-chip coating.

4(Amended). The method according to Claim 1 wherein the automotive body component is formed by welding together at least two automotive body components.

8(Amended). The composition according to Claim 1 wherein the UV photoinitiator comprises at least one onium salt.

9(Amended). The method according to Claim 8 wherein the radiation comprises ultraviolet radiation having a wavelength of about 250 to about 400nm.

10(Amended). The method according to Claim 1 wherein the ultra-violet photoinitiator comprises a sulfonium onium salt.

16(Amended). The method of Claim 1 wherein the composition further comprises a thickening agent.

17(Amended). The method according to Claim 16 wherein the thickening agent comprises silica.

18(Amended). The method according to Claim 16 wherein the thickening agent is present in amount effective to provide a thixotropic composition.

19(Amended). The method according to Claim 16 further comprising (e) at least one monomeric material.

22(Amended). A method of coating a brake rotor comprising:

- (a) providing a composition comprising a combination comprising at least one epoxy, at least one polyol and at least one ultraviolet photo-initiator,
- (b) applying the composition onto at least a portion of the brake rotor,
- (c) exposing the brake rotor to a source of ultraviolet radiation, and;
- (d) recovering a coated brake rotor.

23(Amended). The method according to Claim 22 further comprising heating the brake rotor.

24(Amended). The method according to Claim 1 wherein said composition further comprises at least one pigment.

30(New). A method for providing a coating on an automotive body component from a composition comprising a combination comprising at least one epoxy compound, at least one polyol and at least one ultra-violet photoinitiator wherein said method comprises:

(a) applying the composition onto the automotive body component wherein the automotive body component comprises a weld formed between at least two adjacent components, and,

(b) exposing the automotive body component to a source comprising ultra-violet radiation thereby forming a coating upon the automotive body component.

31(New). The method of Claim 30 wherein a plurality of protrusions extend from the weld and said composition embeds said protrusions.

32(New). The method of Claim 30 wherein the weld is located within a channel having a trapezoidal cross-section.

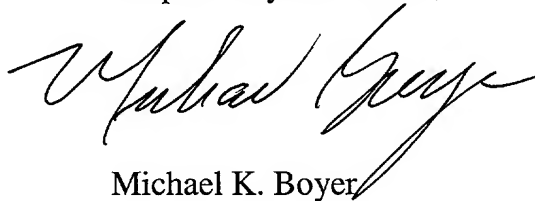
### REMARKS

This Application is a continuation of U.S. Patent Application Serial No. 09/448,810, now allowed. Claims 1-29 were present in the originally filed patent application. Claims 1-4, 8-10, 16-19 and 22-24 have been amended, Claims 1-4, 8-10, 16-19 and 22-24 have been cancelled and Claims 30-32 have been added for consideration by the Examiner.

In an excess of caution, Applicants invite the attention of the Examiner to the copending and commonly assigned patent application (listed in the Cross-Reference) and the references cited therein, i.e., the instant application claims benefit under 35 U.S.C. 120 of U.S. Patent Application Serial Nos. 09/197,107 (now allowed) and 09/081,966. The instant application is also related to U.S. Patent Application Serial Nos. 09/197,107; 09/081,967; 09/197,124; 09/300,930 and 09/344,198. Applicants request that these references and applications be list on the face of any patent issuing hereto.

Applicants respectfully submit that the pending claims define patentable subject matter and request issuance of a Notice of Allowance. Should there be any fee due in connection with this Application, please charge the same to Deposit Account No. 15-0680 (Orscheln Management Company). Should the Examiner deem that any further action on the part of Applicant would advance prosecution, the Examiner is invited to telephone Applicants' attorney.

Respectfully Submitted,



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Encl.: Utility Patent Application Transmittal

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## VERSION WITH MARKINGS TO SHOW CHANGES MADE

Please replace the paragraph on Page 1, Lines 5-8 with the following:

--This is a continuation of U.S. Patent Application Serial No. 09/448,810, filed on November 24, 1999, now allowed, that is a continuation in part of U.S. Patent Application Serial No. 09/197,107, filed on November 20, 1998, now U.S. Patent No. 6,277,898 B1, that is in turn a continuation in part of Serial No. 09/081,966, filed May 20, 1998, now allowed, and entitled "Curable Sealant Composition". The disclosure of these prior filed patent application is hereby incorporated by reference.--

Please amend Claims 1-4, 8-10, 16-19 and 22-24 as follows:

1(Amended). A method for providing a [cured] coating on [a substrate] an automotive body component from a composition comprising a combination [of] comprising at least one epoxy compound, at least one polyol and at least one ultra-violet photoinitiator wherein said method comprises:

[(a) exposing at least one component of the composition to a source of radiation; and

(b)] (a) applying the exposed composition onto [a substrate thereby forming a coating upon the substrate] the automotive body component wherein at least a portion of the automotive body component has a vertical surface, and,

(b) exposing the automotive body component to a source comprising ultra-violet radiation thereby forming a coating upon the automotive body component.

2(Amended). The method according to Claim 1 wherein the [substrate comprising at least one member selected from the group consisting of metal, wood, concrete and cement] automotive body component comprises at least one member selected from the group of floor pan, roof and lower body panel.

3(Amended). The method according to Claim 1 wherein the [substrate comprises metal and the coating overlies a joint between at least two metal substrates] the

automotive body component comprises a lower body panel wherein the coating forms an anti-chip coating.

4(Amended). The method according to Claim [3] 1 wherein the [joint] automotive body component is formed by welding together at least two automotive body components.

8(Amended). The composition according to Claim 1 wherein the [photoinitiator comprises a] UV photoinitiator comprises at least one onium salt.

9(Amended). The method according to Claim 8 wherein the radiation comprises ultraviolet radiation having a wavelength of about 250 to about 400nm.

10(Amended). The method according to Claim 1 wherein the ultra-violet photoinitiator comprises a[n] sulfonium onium salt.

16(Amended). The method of Claim 1 wherein the composition [according to Claim 11] further [comprising (d)] comprises a thickening agent.

17(Amended). The [composition] method according to Claim 16 wherein the thickening agent comprises silica.

18(Amended). The [composition] method according to Claim 16 wherein the thickening agent is present in amount effective to provide a thixotropic composition.

19(Amended). The [composition] method according to Claim 16 further comprising (e) at least one monomeric material.

22(Amended). A method of [providing a self supporting article or layer] coating a brake rotor comprising:

(a) providing [a first component comprising at least one epoxy compound, and a second component comprising at least one acid source, with at least one of the first component and second component including a polyol] a composition comprising a combination comprising at least one epoxy, at least one polyol and at least one ultraviolet photo-initiator, [and]

(e) [combining the first and second components so as to react the epoxy compound with the acid source] applying the composition onto at least a portion of the brake rotor,

(f) exposing the brake rotor to a source of ultraviolet radiation, and;

(g) recovering a coated brake rotor.

23(Amended). The method according to Claim 22 further comprising [(c) introducing the reaction product of (b) onto a substrate] heating the brake rotor.

24(Amended). The method according to Claim [22 wherein both of the first and second components include a polyol] 1 wherein said composition further comprises at least one pigment.

Please cancel Claims 11-15, 20, 21 and 25-29 without prejudice or disclaimer to the subject matter recited therein.

Please add new Claims 30-32 as follows:

--30. A method for providing a coating on an automotive body component from a composition comprising a combination comprising at least one epoxy compound, at least one polyol and at least one ultra-violet photoinitiator wherein said method comprises:

(a) applying the composition onto the automotive body component wherein the automotive body component comprises a weld formed between at least two adjacent components, and,

(b) exposing the automotive body component to a source comprising ultra-violet radiation thereby forming a coating upon the automotive body component.



31. The method of Claim 30 wherein a plurality of protrusions extend from the weld and said composition embeds said protrusions.

32. The method of Claim 30 wherein the weld is located within a channel having a trapezoidal cross-section--